13:00 Colloquium introduction (Zdeněk Hanzálek)

**13:00 - 13:50 Intelligent systems (INTSYS, Vladimír Mařík)**

13:00 - 13:05 Vladimír Mařík: Introduction


13:14 - 13:23 Radek Škoda: PowerSystem4.0 Teplator


13:41 - 13:50 Aleš Procházka: Computational Intelligence and Digital Signal Processing

**13:50 - 14:40 Artificial Intelligence (AIF, Josef Urban)**


14:40 - 15:20 Industrial informatics (IID, Zdeněk Hanzálek)

14:40 - 14:41 Zdeněk Hanzálek: Quick overview of the department and its results.


15:20 - 15:50 Scientific management of platforms and RICAIP (PLAT, Vladimír Kučera)


Thursday April 22

13:00 - 14:15 Robotics and machine perception (RMP, Václav Hlaváč)
13:00 - 13:03 V. Hlavac: RMP Introduction


13:12 - 13:21 Tomáš Pajdla: C Albl, Z Kukelova, V Larsson, M Polic, T Pajdla, K Schindler. From Two Rolling Shutters to One Global Shutter. CVPR 2020 (ORAL) [pdf] [supp]

13:21 - 13:30 Torsten Sattler: T Schöps, V Larsson, M Pollefeys, T Sattler, Why Having 10,000 Parameters in Your Camera Model is Better Than Twelve, CVPR 2020 (ORAL) [pdf]


14:15 - 14:55 Industrial production and automation (IPA, Michael Valášek a Petr Kolář)

14:15 -14:17 Petr Kolář IPA Introduction


14:55 - 15:35 Cognitive systems and neurosciences (COGSYS, Lenka Lhotská)

14:55-15:00 Lenka Lhotská: Brief overview of CogSys research activities in 2020


15:30-15:35 Reserve

15:35 - 16:15 Biomedical engineering and assistive technologies (BEAT, Olga Štěpánková)

15:35 -15:38 Olga Štěpánková: BEAT in 2020 (3 min)


16:08 - 16:15 Reserve

16:15 End of the meeting